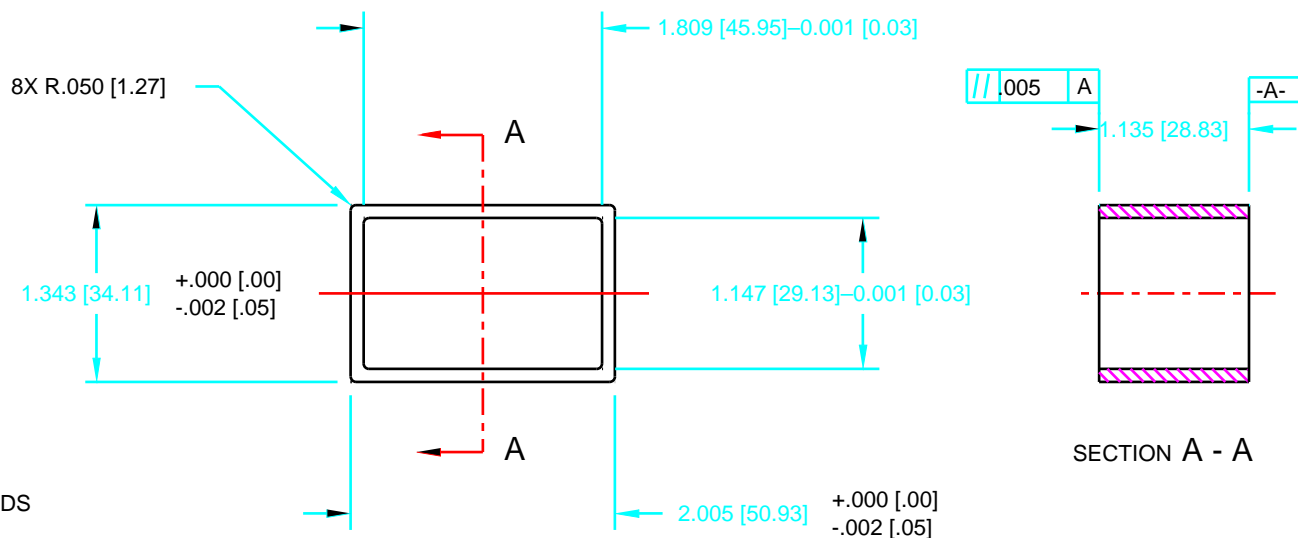


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

A2103200



NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X - .03 [.7620] - .25 .XX - .01 [0.25] .XXX - .005 [0.127] SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		LOG NUMBER A2103200 DRAWN BY MUSCIA CHECKED BY SHU/MUSCIA DESIGNER RESPONSIBLE ENGINEER MATERIAL 304 STAINLESS STEEL	DATE 10/18/94 CHIEF DESIGN ENGINEER GP LEADER PROJECT MGR. APPROVED/RELEASED SCALE 1:1 SHEET 1 of 1	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY TITLE ADVANCED PHOTON SOURCE L5 APS UNDULATOR WHITE BEAM H & V SLITS RECTANGULAR EXTENSION TUBE SIZE B DRAWING NUMBER P4105091505-830003-00